

### Remarks and Arguments

Applicants have carefully considered the Office Action dated up February 24, 2004 and the references cited therein. Applicants respectfully request reexamination and reconsideration of the application.

Claims 1-3, 6-16 and 19-21 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,151,643, hereafter Cheng, in view of U.S. Patent No. 6,260,077, Rangarajan et al., hereafter Rangarajan. As to claim 1, the Examiner alleges that Cheng discloses all of the recited limitations except that the Examiner admits that Cheng does not explicitly teach an *event listener*. In the prior office actions, the Examiner had previously admitted that Cheng does not explicitly teach *announcing the data change*. The examiner now alleges that a newly cited portion of Cheng teaches announcing to the application from which the data was originally obtained that the data has changed (Cheng, col. 7, line 56; col. 17, lines 58-60). The newly cited sections of Cheng allegedly disclosing that the client application 104 informs the service provider computer 102 that a software update is to be undone, and, therefore, that the limitation is satisfied.

Claim 1 has now been amended to recite “announcing to the participating application from which the data was originally obtained that the *data has a changed value*” (claim 1, lines 13-14). In the present invention, the value of the registered data is modified and then retained within the participating application. The notification back to the original data source serves the purpose of notifying the source that the data now exists in a modified or permutation form. There is no disclosure or teaching of such functionality within Cheng. In Cheng, the value of the data is not changed, instead, the data is removed in its entirety. Specifically, in Cheng, the recovery module 908 of client application 104 announces to service provider computer 102 that a software update is to be undone (deleted). The software update is then removed by the recovery module 908 and the payment module 705 is notified (Cheng, col. 17, lines 58-66). The client application 104, however, *does not announce that the value of the best changed*, as now recited in claim 1. Cheng only discloses the announcement of an intent to delete data.

In light of the foregoing amendments and arguments, and by the Examiner's own admissions, claim 1 is believed allowable over Cheng, whether considered singularly or in combination with Rangarajan, or any other reference of record. Claims 4 through 8 include all the limitations of amended claim 1 and are believed allowable for at least the same reasons as claim 1, as well as for the merits of their own respective limitations.

Claim 14 has been similarly amended and now recites a computer program product concluding "program code for announcing across the information bus to the registered application from which the data was originally obtained that the *data has a changed value*" (claim 14, line 18). In light of the foregoing amendments and arguments, and by the Examiner's own admissions, claim 14 is now believed allowable over Cheng, whether considered singularly or in combination with Rangarajan, or any other reference of record, for at least the same reasons as claim 1, as well as on the merits of its own respective limitations. Claims 16 through 21 include all the limitations of amended claim 14 and are similarly believed allowable for at least the same reasons as claim 14, as well as for the merits of their own respective limitations.

Claim 11 now recites an apparatus for use with an application retrieving data across an information bus from other applications sharing the information bus, including data notification logic "configured to announce across the information bus to the participating application from which the data element originated that the *data has a changed value*" (claim 11, lines 13-14). As such, claim 11 has been amended to recite limitations similar to claims 1 and 14. In light of the foregoing amendments and arguments, and by the Examiner's own admissions, claim 11 is also believed allowable over Cheng, whether considered singularly or in combination with Rangarajan, or any other reference of record, for at least the same reasons as claims 1 and 14, as well as on the merits of its own respective limitations. Claims 12 and 13, which have been amended to depend from claim 11, include all limitations of amended claim 11 and are similarly believed allowable for at least the same reasons as claim 11, as well as for the merits of their own respective limitations.

Regarding Cheng's admitted failure to disclose an event listener, the Examiner is relying on Rangarajan, alleging that Rangarajan teaches an event listener (an event listener, column 9, lines 24) for monitoring announcements and notifications (column 9,

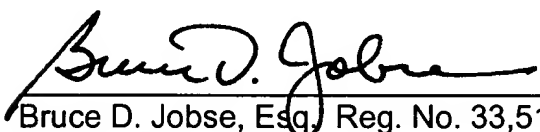
lines 34-38). The Examiner further states that "It would have been obvious to apply the teachings of Rangarajan to the system of Cheng because this allows a registered client to receive event notifications from a source as disclosed by Rangarajan (lines 8-84, column 9)". The Applicants respectfully reassert the traversal of the prior response. Even assuming that the combination of the Cheng and Rangarajan references was proper, and that Rangarajan discloses an event listener, as alleged, both assumptions of which Applicants respectfully disagrees, claims 1, 9 and 14, and their respective depending claims, are believed allowable over the combination of Cheng and Rangarajan in light of the foregoing amendments thereto.

Claims 4-5, 7 and 17-18 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Cheng in view of Rangarajan, and further in view of U.S. Patent No. 6,356,948, Barnett. Barnett does not compensate for the Examiner's admitted deficiencies in the Cheng reference or the disclosure relied upon in the Rangarajan patent. Accordingly, these claims are believed allowable for the reasons set forth above.

Applicants respectfully reassert any other remarks and traversals set forth in prior responses to the extent still relevant to the outstanding rejections.

Applicants believe the claims are in allowable condition. A notice of allowance for this application is solicited earnestly. If the Examiner has any further questions regarding this amendment, he/she is invited to call Applicants' attorney at the number listed below. The Examiner is hereby authorized to charge any fees or credit any balances under 37 CFR §1.17, and 1.16 to Deposit Account No. DA-12-2158.

Respectfully submitted,



Bruce D. Jobse, Esq. Reg. No. 33,518  
KUDIRKA & JOBSE, LLP  
Customer Number 021127  
Tel: (617) 367-4600 Fax: (617) 367-4656

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